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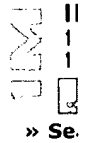
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**16 Performance evaluation of automatically generated data-parallel programs**
*Massari, L.; Maheo, Y.;*

Parallel and Distributed Processing, 1996. PDP '96. Proceedings of the Fourth Euromicro Workshop on , 24-26 Jan. 1996

Pages:534 - 540

[\[Abstract\]](#)   [\[PDF Full-Text \(604 KB\)\]](#)   **IEEE CNF**
**17 Efficient memory simulation in SimICS**
*Magnusson, P.; Werner, B.;*

Simulation Symposium, 1995. Proceedings of the 28th Annual , 9-13 April 1995

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**18 A model and a system for data-parallel program visualization**
*Wagner, T.A.; Bergeron, R.D.;*

Visualization, 1995. Visualization '95. Proceedings., IEEE Conference on , 29 Nov. 1995

Pages:224 - 231, 456

[\[Abstract\]](#)   [\[PDF Full-Text \(1264 KB\)\]](#)   **IEEE CNF**
**19 MiThOS-a real-time micro-kernel threads operating system**
*Mueller, F.; Rustagi, V.; Baker, T.P.;*

Real-Time Systems Symposium, 1995. Proceedings., 16th IEEE , 5-7 Dec. 1995

Pages:49 - 53

[\[Abstract\]](#)   [\[PDF Full-Text \(508 KB\)\]](#)   **IEEE CNF**



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 Jeremy Jones

**ACM SIGARCH Computer Architecture News** December 1983

Volume 11 Issue 5


A Pascal version of the puzzle program was executed on a user-microprogrammable HLL machine and a "runtime profile" obtained. The code sections where most of the execution time was spent were found and replaced with microcode. A six fold increase in execution speed was achieved by writing 25 microinstructions.
- 2** **Task granularity analysis in logic programs** 77%

 Saumya K. Debray , Nai-Wei Lin , Manuel Hermnegildo

**ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1990 conference on Programming language design and implementation** June 1990

Volume 25 Issue 6

While logic programming languages offer a great deal of scope for parallelism, there is usually some overhead associated with the execution of goals in parallel because of the work involved in task creation and scheduling. In practice, therefore, the "granularity" of a goal, i.e. an estimate of the work available under it, should be taken into account when deciding whether or not to execute a goal concurrently as a separate task. This paper describes a method for estimating the ...
- 3** **Session 20: software performance: Parallel performance prediction using lost cycles analysis** 77%

 Mark E. Crovella , Thomas J. LeBlanc

**Proceedings of the 1994 ACM/IEEE conference on Supercomputing** November 1994

Most performance debugging and tuning of parallel programs is based on the "measure-modify" approach, which is heavily dependent on detailed measurements of programs during execution. This approach is extremely time-consuming and does not lend itself to predicting performance under varying conditions. Analytic modeling and scalability analysis provide predictive power, but are not widely used in practice, due